

What is claimed is:

1. A microcapsule comprising:
a polymer as a capsule wall of the microcapsule,
wherein the polymer is obtained by polymerizing a dendritic branching molecule having a hydroxyl group in a terminal thereof, an isocyanate compound, and a compound having two or more active hydrogen atoms in a molecule thereof.
2. A microcapsule according to Claim 1, wherein the dendritic branching molecule is selected from a dendritic branching polymer and a dendron.
3. A microcapsule according to Claim 2, wherein the dendritic branching polymer is a dendrimer.
4. A microcapsule according to Claim 2, wherein the dendritic branching polymer is a hyperbranched polymer.
5. A microcapsule according to Claim 1, wherein a mass average molecular weight of the dendritic branching molecule is 200 to 1,000,000.
6. A microcapsule according to Claim 1, wherein an

amount of the dendritic branching molecule to be blended in the capsule wall is 0.01% by mass to 30% by mass in a solid concentration.

7. A microcapsule according to Claim 1, wherein the compound having two or more active hydrogen atoms in a molecule thereof is a dendritic branching molecule having an amino group in a terminal thereof.

8. A microcapsule according to Claim 7, wherein the dendritic branching molecule is selected from a dendritic branching polymer and a dendron.

9. A microcapsule according to Claim 8, wherein the dendritic branching polymer is a dendrimer.

10. A microcapsule according to Claim 8, wherein the dendritic branching polymer is a hyperbranched polymer.

11. A microcapsule according to Claim 7, wherein an amount of the compound having two or more active hydrogen atoms in a molecule thereof to be blended in the capsule wall is 0.01% by mass to 30% by mass in a solid concentration.

12. A microcapsule according to Claim 1, wherein the microcapsule has an average particle diameter of 0.05 μ m to 50 μ m.

13. A microcapsule according to Claim 1, wherein the microcapsule encapsulates at least one of diazonium salts and electron donor dye precursors.

14. A microcapsule according to Claim 1, wherein the capsule wall comprises one of a polymer of polyurethane and a polymer of polyurea.

15. A microcapsule according to Claim 1, wherein the microcapsule is used for a thermosensitive recording material.

16. A microcapsule comprising:
a polymer as a capsule wall of the microcapsule,
wherein the polymer is obtained by reacting a polyol compound, an isocyanate compound, and a dendritic branching molecule having an amino group in a terminal thereof.

17. A microcapsule according to Claim 16, wherein the dendritic branching molecule is selected from a dendritic branching polymer and a dendron.

18. A microcapsule according to Claim 17, wherein the dendritic branching polymer is a dendrimer.

19. A process for manufacturing a microcapsule comprising the step of polymerizing an isocyanate compound, a dendritic branching molecule having a hydroxyl group in a terminal thereof, and a compound having two or more active hydrogen atoms in a molecule thereof, so as to form a capsule wall of the microcapsule.

20. A process for manufacturing a microcapsule according to Claim 19, wherein the compound having two or more active hydrogen atoms in a molecule thereof is a dendritic branching molecule having an amino group in a terminal thereof.